

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S19	0	704/5.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface	US-PGPUB; USPAT	OR	ON	2006/07/18 18:12
S20	4	704/231.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface	US-PGPUB; USPAT	OR	ON	2006/07/18 18:15
S21	31	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface	US-PGPUB; USPAT	OR	ON	2007/03/09 13:53
S22	15	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface and session	US-PGPUB; USPAT	OR	ON	2006/07/18 18:16
S23	11	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface and session and learn\$4	US-PGPUB; USPAT	OR	ON	2006/07/18 18:17
S24	3	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface and session and learn\$4 and personal\$4 and email	US-PGPUB; USPAT	OR	ON	2006/07/18 18:17

24 3/15/07

## EAST Search History

S25	0	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog adj1 manager and (speech spoken verbal\$4 voice oral) adj2 interface and session and learn\$4 and personal\$4 and email	US-PGPUB; USPAT	OR	ON	2006/07/18 18:13
S27	0	704/270-278.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog adj1 manager and (speech spoken verbal\$4 voice oral) adj2 interface and session and learn\$4 and personal\$4 and email	US-PGPUB; USPAT	OR	ON	2006/07/18 18:14
S28	2	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog adj1 manager and (speech spoken verbal\$4 voice oral) adj2 interface and session and learn\$4 and personal\$4 and (email e-mail "electronic mail")	US-PGPUB; USPAT	OR	ON	2006/07/18 18:17
S29	9	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface and session and learn\$4 and personal\$4	US-PGPUB; USPAT	OR	ON	2006/07/18 18:17
S30	8	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface and session and learn	US-PGPUB; USPAT	OR	ON	2006/07/18 18:15
S31	1	"06985850"	US-PGPUB; USPAT	OR	ON	2006/07/18 18:19

## EAST Search History

S32	31	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface	US-PGPUB; USPAT	OR	ON	2006/07/18 18:15
S33	15	704/257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface	US-PGPUB; USPAT	OR	ON	2006/07/19 11:33
S35	8	704/231-256.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface and (email e-mail "electronic mail")	US-PGPUB; USPAT	OR	ON	2006/07/19 11:34
S36	3	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 interface and notation	US-PGPUB; USPAT	OR	ON	2007/03/09 13:55
S37	7	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and notation	US-PGPUB; USPAT	OR	ON	2007/03/09 13:56
S38	0	704/231-257.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and notation with (dependent\$4 independent\$4)	US-PGPUB; USPAT	OR	ON	2007/03/09 13:57

## EAST Search History

S49	1	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and notation with (dependent\$4 independent\$4)	US-PGPUB; USPAT	OR	ON	2007/03/09 15:00
S53	24	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and prompt\$4 and grammar and database and (visural display gui) and (synchron\$6 coordinat\$4)	US-PGPUB; USPAT	OR	ON	2007/03/09 15:05
S54	4	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and prompt\$4 and grammar and database and (visural display gui) and (synchron\$6 coordinat\$4) and multi\$4 with modal\$4	US-PGPUB; USPAT	OR	ON	2007/03/12 12:54
S55	7	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and prompt\$4 and grammar and database and (visural display gui) and (synchron\$6 coordinat\$4) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:28
S72	3	@ad<"20010228" and ((speech voice) adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (visural display gui) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and ("Wireless Application Protocol" wap)	US-PGPUB; USPAT	OR	ON	2007/03/09 15:24

## EAST Search History

S74	3	@ad<"20010228" and ((speech voice) adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and database and (visural display gui) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and ("Wireless Application Protocol" wap)	US-PGPUB; USPAT	OR	ON	2007/03/09 15:27
S75	0	@ad<"20010228" and ((speech voice) adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and database and (visural display gui) and (synchron\$6 coordinat\$4) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and ("Wireless Application Protocol" wap)	US-PGPUB; USPAT	OR	ON	2007/03/09 15:26
S76	3	@ad<"20010228" and ((speech voice) adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and database and (visural display gui) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and ("Wireless Application Protocol" wap) and (www web)	US-PGPUB; USPAT	OR	ON	2007/03/09 16:37
S78	1	@ad<"20010228" and ((speech voice) adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and database and (visural display gui) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and workflow	US-PGPUB; USPAT	OR	ON	2007/03/09 15:30

## EAST Search History

S79	4	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and prompt\$4 and grammar and database and (visural display gui) and (synchron\$6 coordinat\$4) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and (www web)	US-PGPUB; USPAT	OR	ON	2007/03/09 16:37
S82	0	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and prompt\$4 and grammar and database and (visural display gui) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and dynamic\$4 with prompt	US-PGPUB; USPAT	OR	ON	2007/03/09 16:40
S83	4	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and prompt\$4 and grammar and database and (visural display gui) and dynamic\$4 with prompt	US-PGPUB; USPAT	OR	ON	2007/03/09 16:40
S84	1	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and prompt\$4 same grammar and database and (visural display gui) and (synchron\$6 coordinat\$4) and multi\$4 with modal\$4	US-PGPUB; USPAT	OR	ON	2007/03/14 11:50

## EAST Search History

S88	16	@ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and "wireless application protocol"	US-PGPUB; USPAT	OR	ON	2007/03/12 17:19
S89	1	@ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and "wireless application protocol"	US-PGPUB; USPAT	OR	ON	2007/03/12 17:20
S90	3	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and prompt\$4 and grammar and database and (visural display gui) and (synchron\$6 coordinat\$4) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and www	US-PGPUB; USPAT	OR	ON	2007/03/14 11:49
S92	1	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and prompt\$4 same grammar and database and (visural display gui) and (synchron\$6 coordinat\$4) and multi\$4 with modal\$4 and updat\$4 same interface	US-PGPUB; USPAT	OR	ON	2007/03/14 11:51

## EAST Search History

S94	2	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (visural display gui) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and (monitor\$4 display\$4) with session	US-PGPUB; USPAT	OR	ON	2007/03/14 18:16
S95	2	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (visural display gui) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and (monitor\$4 ) with session	US-PGPUB; USPAT	OR	ON	2007/03/14 18:20
S97	3	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and (monitor\$4 ) with session	US-PGPUB; USPAT	OR	ON	2007/03/14 18:19
S104	2	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and (monitor\$4 ) same session	US-PGPUB; USPAT	OR	ON	2007/03/14 18:24



## EAST Search History

S10 5	1	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and (monitor\$4 ) with (dialog) and session	US-PGPUB; USPAT	OR	ON	2007/03/14 18:25
S10 6	1	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and (monitor\$4 ) with (dialog) and session	US-PGPUB; USPAT	OR	ON	2007/03/15 14:26
S10 7	0	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and (monitor\$4 detect\$4 watch\$4) with (disconnect\$4) and session	US-PGPUB; USPAT	OR	ON	2007/03/14 18:28
S10 9	1	"07003463"	US-PGPUB; USPAT	OR	ON	2007/03/14 19:03
S11 0	2	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and adverti\$6	US-PGPUB; USPAT	OR	ON	2007/03/15 14:12

## EAST Search History

S11 1	19	@ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and control and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and dialog and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and adverti\$6	US-PGPUB; USPAT	OR	ON	2007/03/15 14:11
S11 5	0	@ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and (speech spoken verbal\$4 voice oral) adj2 (input\$4 interface) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and adverti\$6 with manag\$4	US-PGPUB; USPAT	OR	ON	2007/03/15 14:05
S11 6	0	@ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and adverti\$6 with manag\$4	US-PGPUB; USPAT	OR	ON	2007/03/15 14:06
S11 7	6	@ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and ((speech adj1 (synthes\$6 generat\$4)) tts text-to-speech) and adverti\$6 with manag\$4	US-PGPUB; USPAT	OR	ON	2007/03/15 14:06
S11 9	28	@ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and adverti\$6	US-PGPUB; USPAT	OR	ON	2007/03/15 14:13
S12 0	3	"704"/\$.ccls. and @ad<"20010228" and (speech adj1 recogni\$6 asr stt speech-to-text) and (multi\$4 with modal\$4 multimodal\$4 multi-modal\$4 bimodal\$4 bi-modal\$4) and adverti\$6	US-PGPUB; USPAT	OR	ON	2007/03/15 14:22
S12 9	13	"704"/\$.ccls. and @ad<"20010228" and (ad adverti\$6) with manag\$6	US-PGPUB; USPAT	OR	ON	2007/03/15 14:32
S13 1	7	"704"/\$.ccls. and @ad<"20010228" and (ad adverti\$6) with (control\$4 manag\$6) same (display\$4 gui)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:33

## EAST Search History

S13 2	3	"704"/\$.ccls. and @ad<"20010228" and (adverti\$6) with (control\$4 manag\$6) same (display\$4 gui)	US-PGPUB; USPAT	OR	ON	2007/03/15 15:24
S13 3	2	"704"/\$.ccls. and @ad<"20010228" and (adverti\$6) with (manager)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:47
S13 4	2	"704"/\$.ccls. and @ad<"20010228" and (adverti\$6) with (controller)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:49
S13 6	1	"704"/\$.ccls. and @ad<"20010228" and (adverti\$6) with (controller) and (adverti\$6) with display\$4	US-PGPUB; USPAT	OR	ON	2007/03/15 14:50
S13 8	1	"704"/\$.ccls. and @ad<"20010228" and (adverti\$6) with (controller) and (gui display\$4)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:51